



Arun Reghunathan

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Highly motivated data science newcomer with a rock-solid foundation in machine learning, data analysis, and visualization. Proven ability to leverage Python, R, and SQL to tackle real-world challenges. Deep expertise in natural language processing (NLP) and computer vision, with hands-on experience. Thriving in fast-paced environments and passionate about applying my analytical prowess to impactful projects. My ultimate goal is to become a leading data science expert, empowering companies to make smarter decisions and unlock the power of data.

EDUCATIONAL INFORMATION:

S.No	Class / Course	School/ College / University	Percentage
1	M.Sc. Data Science	Christ (Deemed to be University), Pune Lavasa Campus	69%
2	B.Sc. Computer Applications (Triple Main)	Kuriakose Elias College, Mannanam, Kerala - MG University	60%
3	Class XII	Sabarigiri Residential School(CBSE), Anchal, Kollam, Kerala	82%
4	Class X	Indian School Nizwa, Sultanate of Oman	95%

CERTIFICATE COURSES

S NO	Name of the course	Institution	Date of Completion
1	Python for Data Science, AI & Development	IBM International Business Machines	March 11, 2022
2	Introduction to Data Analytics		
3	Data Visualization with Python		
4	Excel Basics for Data Analysis		
5	Data Visualization and Dashboards with Excel and Cognos		
6	Python Project for Data Science		
7	Data Analysis with Python		
8	Databases and SQL for Data Science with Python		
9	IBM Data Analyst Capstone Project		

PROJECTS

1. Advanced Approaches for Hate Speech Detection: A Machine and Deep Learning Investigation

Conducted a comparative analysis of various machine and deep learning models for hate speech detection, and introduced a new model that outperforms the baseline model. Additionally, evaluated the performance of the models in terms of classification speed.

2. Analysis of Chemical Components

Developed a personalized recommendation system for cosmetics to help people with sensitive skin and skin troubles find suitable products. Used machine learning and interactive visualization to identify and visualize ingredient similarity patterns, enabling users to make informed decisions about the products they choose. This project aimed to alleviate the challenges of buying cosmetics by providing personalized product recommendations based on chemical components, thereby enhancing the shopping experience and promoting confidence in cosmetic purchases.

3. Job Monster

Developed Job Monster, an interactive job portal for candidates and companies. This web application enables jobseekers to post their resume, search for jobs, and view personal job listings. It also allows companies to place their vacancy profile on the site and search candidate resumes. Additionally, the project includes an admin module for managing the complete portal, job seekers, and companies.

SEMINARS AND WORKSHOPS ATTENDED

- 1. Presented Paper** Titled "Advanced Approaches for Hate-Speech Detection: A Machine and Deep-Learning Investigation" at IACIDS'23 (**International Conference on Artificial Intelligence, Communication, IoT, Data Engineering, and Security**)
2. Participated in the AICTE and Ministry of Education-sponsored online workshop on Data Science conducted by CHRIST (Deemed to be University), Pune Lavasa Campus, in association with AWS and Brainovision, August 2023, earning E-Certificates based on daily tests.
3. Azure Cloud Computing & Cloud Analytics hands-on workshop, Christ (Deemed to be University), Pune Lavasa Campus.
4. Attended workshop on "R and R Shiny", organized by Data Science Department, Christ (Deemed to be University), Pune Lavasa Campus.

Skills

- **Data Mining Data Modeling Data Science Pattern Recognition, Predictive Modeling ·**
- **Analytical Skills · Data Analysis · Data Analytics · Data Visualization · Microsoft Excel Natural Language Processing (NLP) ·**
- **Machine learning, Python, Deep learning, R Programming Java, MySQL, NoSQL – MongoDB, C++**

Soft skills:

- Leadership
- Adaptability
- Critical thinking
- Problem solving
- Team work

ACTIVITIES AND INTERESTS

- Stock Market Analysis
- Sports
- Reading

PERSONAL DATA

Date of Birth: August 21, 2000

Gender: Male

Nationality: Indian

Marital Status: Unmarried

Languages Known: English, Malayalam, Hindi, Tamil

I hereby declare that the above furnished details are correct to the best of my knowledge.

Date : 17 December 2023

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